

REMARKS

Claim 1-8 and 10-18 are pending. Claims 1 and 13 are amended. New claim 19 is added.

Claims 1-8 and 10-18 stand rejected under 35 U.S.C. 112, second paragraph, as being indefinite. In accordance with the foregoing, claims 1 and 13 have been corrected. Applicant respectfully requests withdrawal of the rejection.

Claims 1-8 and 10-18 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Kelm (US 5486215) in view of Urry (4333994). Pending claim 1 relates to a coiled electrode for an electrochemical cell, including:

“a substantially planar current collector appropriately configured to be disposed adjacent an exterior surface of either:

(configuration a) only a majority of the final generally straight segment, or

(configuration b) only a majority of the penultimate turn, a majority of the penultimate generally straight segment, and a majority of the final generally straight segment.”

Kelm discloses an anode assembly for an electrochemical cell including a current collector 5 which has a first layer of alkali metal 10 on one side and a second layer of alkali metal 15 on the other side. Anode assembly 1 has at one end 18 only alkali metal 15 on one side of the current collector 5. The bare portion of the current collector 5 will form the outer wrap of the wound electrode assembly. Current collector 5 is not explicitly shown in Figure 15. Current collector 5 is shown to extend the entire length of the anode assembly 1 in Figures 1-5 (see in particular the cross-section shown in Figure 5). As such, the current collector 5 would extend along all windings of the coiled electrode

assembly shown in Figure 15. Kelm therefore fails to teach or suggest the current collector extending along “(configuration a) only a majority of the final generally straight segment, or (configuration b) only a majority of the penultimate turn, a majority of the penultimate generally straight segment, and a majority of the final generally straight segment” as specified in pending claim 1.

Urry teaches a coiled electrode assembly. The assembly includes current collectors extending along the inner windings of a generally cylindrical electrode, as can be seen in Figures 3 and 4. As such, neither Kelm nor Urry, alone or combined, teach or suggest a current collector extending along only a majority of the final generally straight segment or only a majority of the penultimate turn, a majority of the penultimate generally straight segment, and a majority of the final generally straight segment. Applicant respectfully requests withdrawal of the rejection.

Applicant respectfully asserts that the present claims are in condition for allowance. Withdrawal of the instant rejections and issuance of a Notice of Allowance is respectfully requested. The Commissioner is authorized to charge any deficiencies and credit any overpayments to Deposit Account No. 13-2546.

Respectfully submitted,

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Date

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